IN THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently Amended) A foam composition comprising:

a fibrous material and a plurality of microspheres, wherein the microspheres comprise ~~including~~ heat-expanded microspheres, wherein the microspheres are interspersed within the fibrous material forming a part of the structure of the foam, and wherein the microspheres lack a separate binder phase.

2. (Currently Amended) A composition comprising:

a microsphere component ~~comprising~~ lacking a separate binder phase, wherein the microsphere component comprises a plurality of expandable ~~a~~ microspheres comprising a thermoplastic material selected from the group consisting ~~of a glass, a silica-alumina ceramic, an epoxy resin, an unsaturated polyester resin, a silicone resin, a phenolic,~~ a polyvinyl alcohol, a polyvinyl chloride, a polypropylene, a polystyrene, a polyacrylonitrile, a polyimide, a polyamide, other thermoplastic polymers ~~an amino resin~~, and any combination thereof; and

a fibrous component surrounding at least one of said microspheres.

3. (Currently Amended) The composition of claim 2, wherein the microsphere component comprises a combination of heat-expandable ~~expanded~~ and non-~~expanded~~expandable microspheres.

4. (Original) The composition of claim 2, wherein the microsphere is a polyacrylonitrile (PAN).

5. (Currently Amended) The composition of claim 4, wherein the PAN microspheres are a combination of ~~expanded~~ expandable and non-~~expanded~~expandable microspheres.

6. (Original) The composition of claim 2, wherein the microsphere is a polyvinyl chloride (PVC).

7. (Original) The composition of claim 2, wherein the fibrous component comprises aramid fibers, carbon fibers, glass fibers, or any combination thereof.

8. (Original) The composition of claim 2, wherein the composition comprises a fibrous component from about 2-15% by weight.

9. (Original) The composition of claim 8, wherein the fibrous component comprises about 10% by weight fiber.

10. (Original) The composition of claim 2, wherein the microsphere component comprises polyacrylonitrile (PAN) and

the fiber component comprises polyester fibers, aramid fibers, glass fibers, or a combination thereof.

11. (Original) The composition of claim 2, wherein the microsphere component comprises polyvinyl chloride (PVC) and the fiber component comprises polyester fibers, aramid fibers, glass fibers, or a combination thereof.

12. (Currently Amended) A fibrous-reinforced foam made by a method comprising:

contacting a fibrous material with a microsphere component under conditions such that the microsphere component infiltrates the fibers of the fibrous component to generate a mixture; and

heating the mixture in a closed mold under conditions such that the microspheres expand to fill the closed mold such that a plurality of the microspheres are fused together.

13. (Currently Amended) The fibrous-reinforced foam of claim 12, wherein the mixture is expanded by applying a heat to ~~a~~ the mold comprising the mixture.

14. (Original) The fibrous-reinforced foam of claim 12, wherein the conditions comprise vibrating the mixture.

15. (Currently Amended) The fibrous-reinforced foam of claim 12, wherein the microsphere component comprises a

combination of ~~expanded~~expandable and non-~~expanded~~expandable microspheres.

16. (Original) The fibrous-reinforced foam of claim 12, wherein the microsphere component comprises polyacrylonitrile (PAN) microspheres.

17. (Currently Amended) The fibrous-reinforced foam of claim 16, wherein the PAN microspheres are a combination of ~~expanded~~expandable and non-~~expanded~~expandable microspheres.

18. (Original) The fibrous-reinforced foam of claim 12, wherein the microsphere component comprise polyvinyl chloride (PVC) microspheres.

19. (Original) The fibrous-reinforced foam of claim 12, wherein the fibrous component comprises aramid and/or glass fibers.

20. (Original) The fibrous-reinforced foam of claim 12, wherein the mixture comprises a fibrous component from about 2-15% by weight.

21. (Original) The fibrous-reinforced foam of claim 20, wherein the mixture comprises a fibrous component of about 10% by weight.

22. (Original) The fibrous-reinforced foam of claim 12, wherein the microsphere component comprises

polyacrylonitrile (PAN) and the fiber component comprises polyester fibers, aramid fibers, glass fibers, or a combination thereof.

23. (Original) The fibrous-reinforced foam of claim 12, wherein the microsphere component comprises polyvinyl chloride (PVC) and the fiber component comprises polyester fibers, aramid fibers, glass fibers, or a combination thereof.

24. (Currently Amended) A method of making a fibrous-reinforced foam, comprising:

mixing a microsphere component with a fiber component in a closed mold;

vibrating the closed mold under conditions the cause the microspheres to infiltrate ~~the~~ a fibrous matrix of the fiber component;

heating the mold to expand the microspheres and fuse them together; and

allowing the mixture to cool.

25. (New) The composition of claim 2, wherein the ratio of unexpanded to expanded microspheres is 7:1.

26. (New) The composition of claim 2, wherein the microsphere component further comprises a plurality of non-expandable microspheres selected from the group consisting of a glass, a silica-alumina ceramic, an epoxy resin, an

unsaturated polyester resin, a silicone resin, a phenolic, and a amino resin.

27. (New) The composition of claim 26, wherein the microsphere component comprises a combination of expanded and non-expanded microspheres.

28. (New) A foam composition comprising:

a fibrous material and a plurality of microspheres, wherein the microspheres comprise heat-expandable microspheres, wherein the microspheres are interspersed within the fibrous material forming a part of the structure of the foam, and wherein the foam lacks a separate binder phase.